

Product Information

Size:

50ul

Reactivity:

Human, Mouse

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA, WB, IHC

Recommended dilutions:

ELISA:1:1000-1:2000, WB:1:200-1:1000,
IHC:1:25-1:100

Protein Background:

This gene is a member of the KCNQ potassium channel gene family that is differentially expressed in subregions of the brain and in skeletal muscle. The protein encoded by this gene yields currents that activate slowly with depolarization and can form heteromeric channels with the protein encoded by the KCNQ3 gene. Currents expressed from this protein have voltage dependences and inhibitor sensitivities in common with M-currents. They are also inhibited by M1 muscarinic receptor activation. Multiple transcript variants encoding different isoforms have been found for this gene.

Gene ID:

KCNQ5

Uniprot

Q9NR82

Synonyms:

potassium voltage-gated channel, KQT-like subfamily, member 5

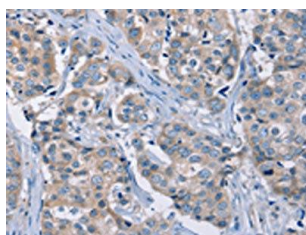
Immunogen:

Fusion protein of human KCNQ5.

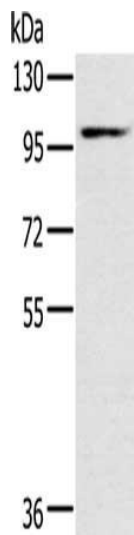
Storage:

-20°C, pH7.4 PBS, 0.05% NaN₃, 40% Glycerol

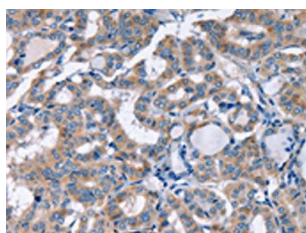
Product Images



The image on the left is immunohistochemistry of paraffin-embedded Human breast cancer tissue using PACO16584(KCNQ5 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).



Gel: 6%SDS-PAGE, Lysate: 40 μ g, Lane: Mouse heart tissue, Primary antibody: PACO16584(KCNQ5 Antibody) at dilution 1/500, Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute.



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using PACO16584(KCNQ5 Antibody) at dilution 1/30, on the right is treated with fusion protein. (Original magnification: x—200).